

Application No. 10/664,640
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A microscope apparatus comprising:
a driver mounted on a main body of the microscope apparatus;
a sensor which detects a stopped state of the driver;
a power supply which supplies power to the sensor;
5 a drive controller which controls driving of the driver; and
a controller which controls the supply of power ~~supply~~ to
the sensor from the power supply in accordance with a drive
control signal sent from the drive controller to the driver.

2. (Currently Amended) A microscope apparatus according to
claim 1, further comprising a switch which switches whether to
perform or stop the supply of power ~~supply~~ from the power supply
to the sensor.

3. (Currently Amended) A microscope apparatus comprising:
a first driver which is mounted on a main body of the
microscope apparatus and which is driven by a manual operation or
an electrical operation;
5 a first sensor which detects a stopped state of the first
driver;

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a second driver which is mounted on the main body of the microscope apparatus and which is driven only by an electrical operation;

10 a second sensor which detects a stopped state of the second driver;

a power supply which supplies power to the first sensor and the second sensor;

15 a drive controller which controls the driving of the second driver; and

a controller which controls the supply of power ~~supply~~ to the second sensor from the power supply in accordance with a drive control signal sent from the drive controller to the second driver.

4. (Currently Amended) A microscope apparatus according to claim 3, further comprising a switch which switches whether to perform or stop the supply of power ~~supply~~ from the power supply to the first sensor.

5. (Currently Amended) A microscope apparatus according to claim 3, further comprising at least one of:

a first switch which switches whether to perform or stop the supply of power ~~supply~~ from the power supply to the first sensor;

5 and

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a second switch which switches whether to perform or stop the supply of power ~~supply~~ from the power supply to the second sensor.

6. (Currently Amended) A microscope apparatus comprising:
a driver mounted on a main body of the microscope apparatus;
a sensor which detects a stopped state of the driver;
a power supply which supplies power to the sensor;
5 an imager which images an observation image acquired by the main body of the microscope apparatus;
a state detection section which detects an exposure state of the imager; and
a controller which stops the supply of power ~~supply~~ to the
10 sensor depending on the exposure state of the imager, which is detected by the state detection section.

Claim 7 (Canceled).

8. (New) A microscope apparatus comprising:
a movable body mounted on a main body of the microscope apparatus;
an actuator which actuates the movable body;
5 a sensor which detects a state of the movable body;
a power supply which supplies power to the sensor;

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a drive controller which detects one of a driving state and a stopped state of the movable body; and

10 a sensor power supply controller which controls the supply of the power to the sensor from the power supply in accordance with a drive control signal sent from the drive controller to the actuator.

9. (New) The microscope apparatus according to claim 8, wherein the sensor power supply controller stops the supply of the power to the sensor from the power supply in accordance with the drive control signal sent from the drive controller to the actuator.

10. (New) A microscope apparatus comprising:

5 a first movable body which is mounted on a main body of the microscope apparatus, and which is drivable by at least one of a manual operation and an electrical operation via a first actuator;

a second movable body which is mounted on the main body of the microscope apparatus, and which is drivable only by an electrical operation via a second actuator;

10 a first sensor and a second sensor which respectively detect a state of the first movable body and the second movable body;

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a power supply which supplies power to the first sensor and the second sensor;

a drive controller which detects one of a driving state and a stopped state of at least the second movable body; and

15 a sensor power supply controller which controls the supply of the power to the second sensor from the power supply in accordance with a drive control signal sent from the drive controller to the second actuator.

11. (New) The microscope apparatus according to claim 10, further comprising a switch which is switchable to select one of performing and stopping the supply of the power from the power supply to the first sensor.

12. (New) The microscope apparatus according to claim 10, wherein the sensor power supply controller stops the supply of the power to the sensor from the power supply in accordance with the drive control signal sent from the drive controller to the second actuator.

13. (New) A microscope apparatus comprising:
a movable body mounted on a main body of the microscope apparatus;
an actuator which actuates the movable body;

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- 5 a sensor which detects a state of the movable body;
 a power supply which supplies power to the sensor;
 an imaging unit which images an observation image obtained
with the main body of the microscope apparatus;
 a drive controller which detects an exposure state of the
10 imaging unit; and
 a sensor power supply controller which controls the supply
of the power to the sensor from the power supply in accordance
with the exposure state of the imaging unit detected by the drive
controller.